



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE

REFER TO FILE: **WR-1**

June 2, 2005

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**BIG TUJUNGA DAM
AWARD SUPPLEMENTAL CONSULTANT SERVICES AGREEMENT 4
SUPERVISORIAL DISTRICT 5
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY
OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT:**

Award and authorize the Acting Director of Public Works to execute Supplemental Agreement 4 to Contract 70407 with Montgomery Watson Harza (MWH) for additional design and engineering services to complete the 100 percent design plans and construction specifications for Big Tujunga Dam for a not to exceed fee of \$175,000 to be financed by the Fiscal Year 2004-05 Flood Control District budget and establish the effective contract date following your Board's approval.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

We are recommending your Board award and authorize the Acting Director of Public Works to execute a supplemental agreement with MWH for additional design and engineering services to complete the 100 percent design plans and construction specifications for Big Tujunga Dam and establish the effective contract date following your Board's approval. These services are required to comply with the California Division of Safety of Dams (DSOD) seismic and spillway criteria.

On November 19, 1996, your Board approved a services agreement with Harza Engineering Company to conduct a reanalysis study of Big Tujunga Dam and to develop seismic and spillway rehabilitation alternatives to meet DSOD criteria. On June 25, 2001, Harza Engineering Company merged with Montgomery Watson Inc., and became MWH. On June 25, 2002, your Board approved a supplemental services agreement with MWH to prepare final design plans and construction specifications for Big Tujunga Dam. To date, MWH has completed the 90 percent design plans and construction specifications.

Due to the complexity of this design project, additional engineering and design services beyond those anticipated in the original scope of work are necessary for valve house, control house, and gallery design. Also, as a result of a rockslide on the left abutment triggered by spillway flows during this storm season, DSOD is requiring design of additional erosion protection measures and a stability evaluation of the dam's left abutment. Additional design measures to address deficiencies found with the abutment stability will also be required.

Your Board's approval of the recommended actions will facilitate the continuation of engineering services needed for the delivery of final design plans and construction specifications for this important dam safety, flood control, and water conservation project.

Implementation of Strategic Plan Goals

This action is consistent with the County Strategic Goal of Organizational Effectiveness as it will allow efficient and effective use of consultants to provide engineering and design services of a highly specialized nature that are not available in Public Works.

FISCAL IMPACT/FINANCING

The recommended supplemental agreement for this project is for a not to exceed fee of \$175,000 for engineering and design services and will increase the contract amount from \$2,501,718 to \$2,676,718. Financing for these services is available in the Fiscal Year 2004-05 Flood Control District budget. There will be no impact to the County's General Fund.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

A standard supplemental agreement, previously approved as to form by County Counsel, will be used. The standard Board-directed clauses that provide for termination of services, renegotiation, and hiring qualified displaced County employees will be included.

As required by your Board, language has been incorporated into the agreement stating that the consultant shall notify its employees and shall require each subconsultant to notify its employees about Board Policy 5.135, the Safely Surrendered Baby Law, and that they may be eligible for the Federal Earned Income Credit under the Federal income tax laws.

As requested by your Board on August 12, 1997, and as a threshold requirement for consideration for contract award, MWH is willing to consider Greater Avenues for Independence participants for future employment.

MWH is in full compliance with Los Angeles County Code Chapter 2.200 (Child Support Compliance Program) and Chapter 2.203 (Jury Services Program).

ENVIRONMENTAL DOCUMENTATION

A finding of environmental impact is not required for awarding a supplemental consultant services agreement. Any project that may be proposed as a result of these services will undergo the appropriate environmental review.

CONTRACTING PROCESS

On November 19, 1996, your Board awarded Contract 70407 to Harza Engineering Company for a not to exceed fee of \$250,910 to provide conceptual alternatives for Big Tujunga Dam to meet DSOD criteria. Harza was selected to perform the work after careful evaluation of proposals from qualified engineering firms who responded to our Request for Proposal. On November 19, 1996, your Board also approved Public Works engaging Harza to prepare final design plans and specifications for construction provided Public Works return to the Board for approval. On June 25, 2002, your Board approved Supplemental Agreement 2 to MWH (previously Harza) for a not to exceed fee of \$2,222,418 to prepare the final design plans and specifications. Supplemental Agreements 1 and 3 for not to exceed amounts of \$4,110 and \$24,280 were executed under the authority delegated to the Director of Public Works to provide concept validation analysis and to develop a geotechnical exploration plan. The fee of \$175,000

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for the recommended Supplemental Agreement 4 has been reviewed by Public Works and is considered fair and reasonable for the additional work. The recommended Supplemental Agreement 4 will increase the contract amount from \$2,501,718 to \$2,676,718.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

There will be no adverse impact on current County services or projects during the performance of the recommended services.

CONCLUSION

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE
Acting Director of Public Works

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cc: Chief Administrative Office
County Counsel
Department of Public Social Services (GAIN)